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ABSTRACT OF THE INVENTION

5 This invention is a pneumatically driven electric power generator. It includes a cylinder having one end connected to an air supply passage for receiving pressurized air and it has another end open. The invention has a piston having an associated magnetic moment. A portion of the piston is free to move into and out of the open end of the cylinder. Sealing means are provided to prevent airflow between the piston and the cylinder when a portion of the piston is located within the cylinder. Piston return means are provided which tend to force the piston from a position outside of the cylinder to a position having a portion of the piston inside the cylinder, so that the piston oscillates, moving into and out of the cylinder, driven by air supplied through the air supply passage. One or more electric coils are placed to enclose changing magnetic flux caused by the magnetic moment associated with the oscillating piston whereby an emf is generated in the coil(s) so that an external circuit connected to the coil(s) to complete a circuit through the coil(s) may receive electric power from the coil(s).